



Form PTO-1449
(Rev. 2-88)

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Sheet 1 of 1

Form PTO-1449 (Rev. 2-88)	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	DOCKET NO	SERIAL NO.
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U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRADEMARK FILING IF APPROPRIATE	
JOB	4,962,027	10/09/1990	Slininger et al.	435	147		
	5,164,309	11/17/1992	Gottschalk et al.	435	158		
	5,254,467	10/19/1993	Krestchmann et al.	435	158		
	5,413,960	05/09/1995	Dobrogosz et al.	435	189		
	5,599,689	02/04/1997	Haynie et al.	435	42		
JOB	5,633,362	05/27/1997	Nagarajan et al.	536	23·1		
JOB	5,686,276	11/11/1997	Laffend et al.	435	158		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
300	WO 98/21340	05/22/1998	PCT				
010	WO 99/28480	06/10/1999	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JG		Tang et al., Immunochemical Properties of NAD ⁺ - Linked Glycerol Dehydrogenases from <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> , 152, No. 3, J. Bacteriol. 1169-1174 (1982).
		Barbirete et al., Anaerobic pathways of glycerol dissimilation by <i>Enterobacter agglomerans</i> CNCM 1210: limitations and regulations, 143, Microbiology 2423-2432 (1997).
		Cameron et al., Metabolic Engineering of Propanediol Pathways, 14 Biotechnol. Prog. 116-125 (1998)
		Tong et al., 1,3-Propanediol Production by <i>Escherichia coli</i> Expressing Genes from the <i>Klebsiella pneumoniae</i> dha Regulon, 57, No. 12, Appl. Environ. Microbiol. 3541-3546 (1991)
		Tong and Cameron, Enhancement of 1,3-Propanediol Production by Cofermentation in <i>Escherichia coli</i> Expressing <i>Klebsiella pneumoniae</i> dha Regulon Genes, 34/35 Appl. Biochem. Biotechnol. 149-159 (1992)
		Cameron and Tong, Cellular and Metabolic Engineering, 38, Appl. Biochem. Biotechnol. 105-140 (1993)
		Skraly et al. Construction and Characterization of a 1,3-Propanediol Operon, 64, No. 1, Appl. Environ. Microbiol. 98-105 (1998)
		Skraly and Cameron, Purification and Characterization of a <i>Bacillus licheniformis</i> Phosphatase Specific for D- α -Glycerophosphate, 349, No. 1, Archives of Biochem. Biophys. 27-35 (1998)
JG		Skraly, Polyhydroxyalkanoates Produced by Recombinant <i>E. coli</i> , Poster at Engineering Foundation Conference: Metabolic Engineering, entire document (1998)

* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance.